

Canon

Check Imaging
Software
Compatibilities
for Canon

CR-Series Check Transports



OVERVIEW

Financial institutions, banking offices, credit unions, merchants, and other intermediaries are adopting new methods for processing check payments and deposits as a result of the Check 21 Act. The Check Clearing for the 21st Century Act, or Check 21 Act, was signed into U.S. law on October 28, 2003. Designed to foster innovation in the American payments system, Check 21 enhances efficiency by reducing many of the legal impediments to check truncation.

Prior to Check 21, checks were processed in a centralized manner: Once received at bank branches, ATMs, merchants, intermediaries, etc., checks were physically transported to an operations center for back-end processing where functions such as encoding, proofing, balancing, and sorting were performed before being sent to the Federal Reserve for final processing. This was a lengthy and costly manual process, and checks were physically returned to the customer with their monthly statements.

Today, with the advent of imaging technology and the enactment of Check 21, checks no longer require manual transportation and central processing. Instead, check images can be sent electronically, either to a central processing bank or directly to the Federal Reserve Bank with an Electronic Cash Letter (ECL).

The Canon CR-180 and CR-55 Check Transport devices, together with the featured software applications listed in this brochure, are the vehicles driving the adoption of Check 21, enabling financial organizations of all sizes to gain the benefits derived from decentralized check image processing.

Compatibility Table

Canon's CR-Series Check Transports have been tested for compatibility with many of the industry's leading Check 21 solution providers. This is a compatibility list that is consistently being updated. For the most current list, please visit Canon U.S.A.'s Web site at www.usa.canon.com, and click on the CR-180 or CR-55 product page to find the listing.



COMPANY	PRODUCT	CR-180	CR-55
Advanced Financial Solutions, Inc.	ImageVision	•	
Anderson Imaging Group	AIG Scan	•	
Aperta	VPTA+, VRPA+	•	•
Acuracy LLC	AQRIT®	•	•
AudioTel Corporation	Genesys Imaging	•	
Automated Systems, Inc.	Insite Check Imaging	•	•
BankWare	ImageCentre	•	
Bluepoint Solutions, Inc.	C21Capture™	•	
Business Imaging Systems, Inc.	Mobilis Professional, MasterScan Check	•	
C&A Associates, Inc.	ImageMaster Suite (ImageChex Express products)	•	•
Captovation Incorporated	Captovation Check Capture	•	•
Carreker Corporation	Source Capture Suite/Corporate Capture™, Source Capture Suite/Branch Capture™	•	
ChexDirect, Inc.	ChexDirect ARC	•	
Community Banking Systems, Ltd.	net.check	•	
Contact Innovations, Inc.	ImageArchive Check/Cheque	•	
COWWW Software	COWWWScan	•	
Data Financial Business Services, Inc.	ChekScan Pro, Draft Conversion Plus	•	•
Datamonics	Check Pro 21™	•	
DocuWare Corporation	DocuWare	•	
EFC Systems, Inc.	DigiFunds Pro, DigiFunds SE (CR-55 only)	•	•
Financialware, Inc.	Active: View®	•	•
Fiserv Imagesoft	Nautilus® QuickCapture™	•	•
Genikon Corporation	Archive Plus	•	
InfoDynamics, Inc.	INTACT, inCHECK™	•	
Integrated Financial Systems, Inc.	OdinCheck-21	•	
Integrated Scanning of America, Inc.	Isalms, Isalms.NET	•	
Jaguar Software Development, Inc.	MirrorImage	•	•
Jara Diversified Services	Draft Conversion Plus™, Draft Control Processing System	•	
Laserfiche	Laserfiche	•	
MICR Automation, Inc.	MICR Image 21	•	
National Source One LLC	GoldCheck21	•	
Northwest Bank Technology, Inc.	Mips Image Capture, Branch Capture	•	•
Pegasus Imaging	Prizm IP, Prizm IQA, ScanFix, Prizm Viewer	•	
Precision Software Technologies, Inc.	EZ-Scan™	•	•
PSIGEN Software, Inc.	PSI:Capture for Checks	•	•
Reed Data, Inc.	2020DOC®	•	
ScanPoint, Inc.	EasyFile Check21	•	
Software Earnings	First Touch iCapture	•	
SortLogic SYSTEMS, a division of Omni-Soft, Inc.	SortLogic® Remote Deposit Capture, SortLogic® DPX Transport Interface	•	
Technology Management Resources, Inc.	Citation e-Remit	•	•
Turbotransactions, Inc.	CheckData	•	•
Vsoft Corporation	eDesk Capture	•	
Wausau Financial Systems	Optima3	•	

Disclaimer: Canon presents this table to illustrate third-party companies that have independently tested Canon's CR-180 and CR-55 Check Transport devices for compatibility with their products. Canon does not warrant or guarantee these third-party solutions in any way. Canon has no responsibility for use of these third-party products and solutions or their compatibility with Canon products in any way.

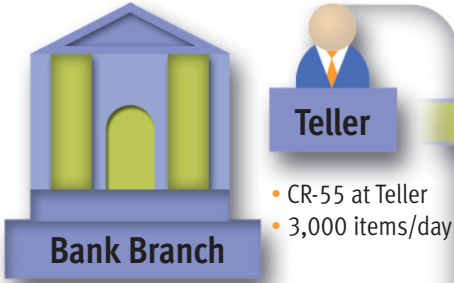
Note: If a scanner does not show a circle with a particular software, it simply means that testing is currently under way. For the most up-to-date list, please visit Canon U.S.A.'s Web site at www.usa.canon.com, and click on the product page of the CR-180 or CR-55 Check Scanner.

Check 21 Workflow Applications

Check 21 facilitates check truncation by creating a new negotiable instrument called a substitute check or Image Replacement Document (IRD) that permits banks to truncate original checks, to process check information electronically, and to deliver substitute checks to banks that want to continue receiving paper checks.

The following illustrations describe four current check payment trends in the U.S. market: 1) Front Counter/Teller Capture; 2) Back Counter/Branch Capture; 3) Remote Deposit/Merchant Capture; and 4) Remittance/Lockbox Processing.

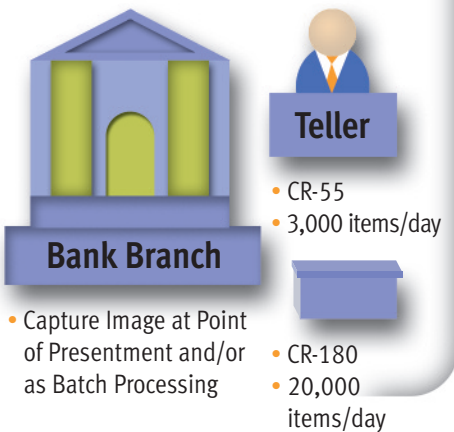
1. Front Counter/Teller Capture



• Capture Image at Point of Presentment

A teller receives a check deposit or payment at a local bank branch. The check is scanned at the point of presentment and the bank uses a check processing software solution with the CR-55 to send the image of the check to a central processing bank or directly to the Federal Reserve Bank for processing.

2. Back Counter/Branch Capture



• Capture Image at Point of Presentment and/or as Batch Processing

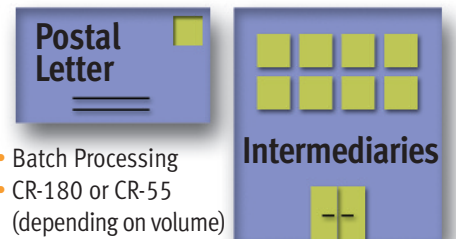
At larger bank branches, the tellers accept the checks at the front counters and could scan them at this point of presentment with the CR-55, or they may batch scan them at a back counter at specified times during the day. Using the check processing software with the CR-180 or CR-55, the images are then sent either to a central processing bank or directly to the Federal Reserve Bank for processing.

3. Remote Deposit/Merchant Capture

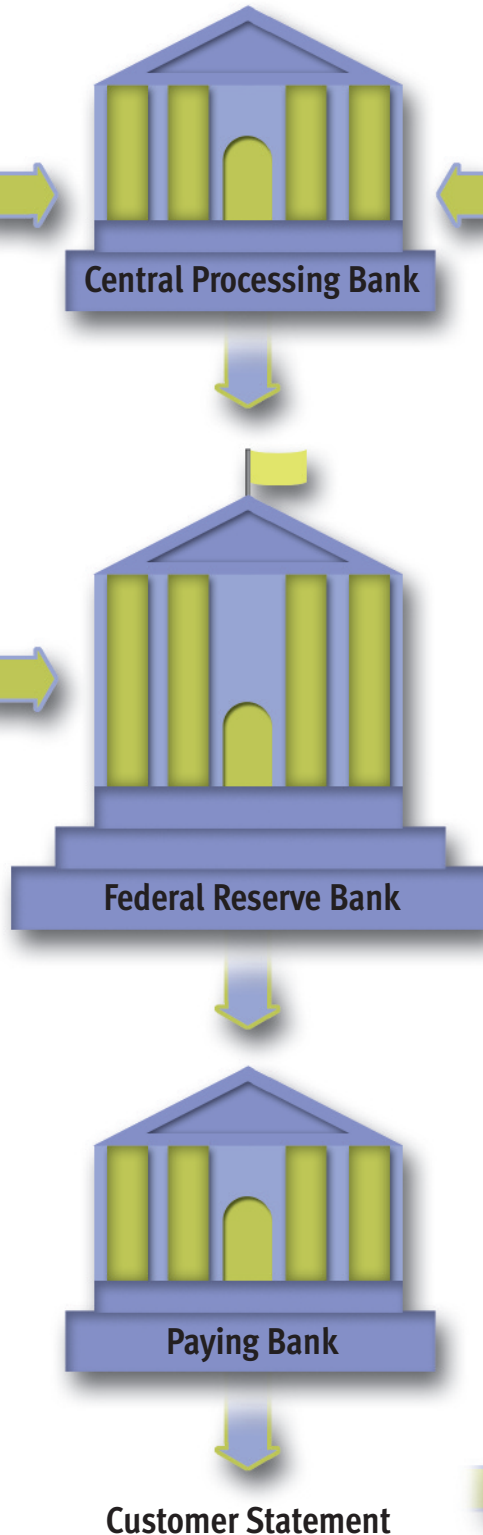


Customer-facing businesses—such as retail stores, utilities, and doctors' offices—accept checks for payments. Depending on the volume and if they process the checks at the point of presentment or in batches, the business can utilize either the CR-55 or CR-180 to transmit received checks electronically to their bank for deposit.

4. Remittance/Lockbox Processing



Payment slips for credit cards, utility bills, etc. are usually sent through the mail with a check to an intermediary facility where they are received in a "locked box." Together, the check and payment slip are scanned and balanced using the CR-55 and/or CR-180 systems.



KEY
= Check Images and Electronic Cash Letters

GLOSSARY

Automatic Clearing House (ACH) - Networks in the U.S. used to clear electronic high-volume, low-value payments.

Application Service Provider (ASP) - A service provider will actually host a remote deposit application for a bank. A remote deposit ASP will deliver the remote deposit application services to the bank's customers, receive the check image data from those customers, and transmit the data to the bank.

BOFD - Bank of First Deposit.

Courtesy Amount Recognition (CAR) - The ability to automatically locate, analyze, and recognize handwritten or machine-printed courtesy amounts on documents. The Courtesy Amount is the check value written in numeric form.

Centralized Capture - Banks will have operational facilities, either single or regional, where all checks deposited at the bank are transported to be processed and cleared.

Check 21 - The Check Clearing for the 21st Century Act was signed into United States law on October 28, 2003. The law facilitates check truncation by creating a new negotiable instrument called a substitute check or Image Replacement Document (IRD) that permits banks to truncate original checks, process check information electronically, and deliver substitute checks to banks that want to continue receiving paper checks.

Check Truncation - The practice of holding a check at the last point in the clearing process and not returning it with the monthly statement; typically confined to credit unions and money markets. (The term "truncation" is incorrectly used in the "Check Truncation Act"; the term should actually be "conversion" or the "Check Conversion Act.")

Distributed Capture - Capturing the data from a check at the point of deposit; includes teller, branch back office, remotely at a business entity location, and at an ATM.

Electronic Check Presentment (ECP) - A service that provides for an electronic payment to be debited from a customer's bank account and transferred to a business' bank account. It is often used for recurring payments and for businesses wanting to simplify and reduce the cost associated with collecting payments from customers.

Encode - To place magnetic ink characters on the face of an item. Usually refers to the dollar amount.

Endorsement - Check payment approval and audit information applied to the rear of a check. The payee will sign the check for cashing or deposit. The depositing institution will print their name, location, and date information when deposited. Automatic equipment will apply date and reference numbers on the check for auditing and research purposes.

Float - The dollar amount of items outstanding and in the process of being collected by banks; also called uncollected float.

Image Replacement Document (IRD) - A substitute machine-readable image copy (as a paper reproduction of the original check) that may, under certain legal arrangements, be the practical and legal equivalent of the original check. Also known as Substitute Check, the term IRD is used by the Accredited Standards Committee in the technical specification for substitute checks.

Legal Amount Recognition (LAR) - Technology to read the amount written/printed in words from a check image.

Lockbox - A bill payment is typically addressed to a Post Office box number. The address will actually be a service provider for the biller, who will then receive and process the payments.

Lockbox Check Conversion - The process of converting checks received in the mail by a biller into electronic items.

Magnetic Ink Character Recognition (MICR) - The font that is imprinted at the bottom of a check or other financial documents by equipment using ink with iron-oxide pigments capable of being magnetized. Transports can either read these characters magnetically (actually "charging" the characters) or optically. A magnetic read of the characters is normally more accurate. The font style for MICR characters is called E-13B.

Remote Capture - Capturing the data at a business entity location. A business will use remote deposit to capture and transmit their received checks over the Internet to their bank for deposit.

About the CR-180



The Canon CR-180 device is a durable, high-speed back counter scanning system used by banks, credit unions, check-clearing houses, and large retail operations. With duplex scanning speeds of 180 checks per minute*

and highly accurate MICR read capabilities, the CR-180 is one of the fastest and most affordable compact devices in its class. The CR-180 device supports an average daily volume of up to 20,000 checks, and batches of up to 200 items can be scanned simultaneously and automatically sorted to two different output pockets using preconfigured rules based on the MICR data on the checks. Featuring a built-in jogger unit and prescan imprinter, the CR-180 system delivers outstanding functionality and value.

About the CR-55



Whether deployed at the teller line in bank branches or commercial/retail locations, the CR-55 device offers the perfect combination of functionality, size, and speed for distributed check imaging applications, including branch capture and remote deposit. For unmatched image reproduction, the user-friendly CR-55 device offers a choice of high-quality scanning in black and white, grayscale, or 24-bit color and resolutions of up to 300 dpi. The CR-55 device captures MICR data along with images of both sides of checks at a fast 55 check-per-minute* speed. A built-in prescan imprinter comes standard and the device also features infrared double-feed detection for dependable paper feeding and image capture. Designed for a wide range of check processing environments, the CR-55 device requires minimal training and effortless operation.

* Examples based on typical settings, rated in checks/images per minute with U.S. personal checks @ 200 dpi in black and white or grayscale.

Additional applications include CAR/LAR/OCR recognition, check cashing services, microfilm replacement, tax collections, teller automation, and Web-based solutions offered by financial institutions.

Additional Applications

CAR/LAR, OCR, Signature Verification, and Image Quality/Usability Recognition Applications - These applications automatically read and analyze handwritten or printed information contained in checks or other bank items, such as courtesy and legal amounts, address, date, payee, MICR codeline, and signature, to help minimize manual process for data entry, verify information against fraud, or assure the overall legibility of check data for Check 21 standards.

Check Cashing Services - Check cashing offices cash payroll checks and accept utility bill payments and other check types, such as government-issued or insurance checks. Check cashers can leverage imaging technologies to electronically transmit check deposits to their correspondent bank in order to eliminate courier fees, facilitate faster exchange of funds, and identify fraudulent items sooner.

Microfilm Replacement - Replace microfilm with check imaging, archival, and storage applications that capture check images together with MICR data. This process improves the traditional and inefficient way microfilms are developed, handled, and searched to retrieve analog check images.

Tax Collections - By scanning incoming tax payment checks daily, municipalities and accounting offices can significantly reduce costs associated with additional labor required for the busy tax season. Transforming this traditionally manual process to an electronic one ensures accurate balancing and cuts down on the time required to process deposits.

Teller Automation - Applications integrate the image capture, data entry, balancing, and transaction acceptance of check processing into a financial institution's teller system. This eliminates redundant manual data entry, often thanks to the industry's latest recognition technologies such as OCR, ICR, CAR, and LAR.

Web-Based Solutions - Applications that provide the financial industry with online, Web-based imaging solutions for image processing and viewing checks and associated documents based on an in-house or outsourced Web-enabled image exchange infrastructure.

Benefits of Check Imaging for the Banks and Financial Institutions

- Float benefits occur when funds become available fast for banks. Before Check 21, it could take several days for checks to clear—they “floated” during this time, and the banks did not have the funds collected yet. With Check 21, the check is cleared in a faster time, which provides greater funds for them to provide to lenders, gaining profitability.
- Streamlines the electronic collection and processing of checks, reducing and preventing potential human errors and fraud that could happen during the physical handling and transportation of checks
- Reduces costs associated with paper handling, transportation, labor, and operations, including return processing
- Enables banks to move toward 24/7 real-time operations
- With Check 21, banks can now truncate checks with or without prior agreements to exchange electronic check data with other banks. For those banks or customers requiring physical checks, the banks can create and provide substitute checks, also called Image Replacement Documents, or IRDs, instead. The banking industry has estimated significant savings from the truncation of checks, even at the cost of generating substitute checks.
- Remote deposits overcome geographic limitations and greatly expand the market that a bank can serve, offering opportunities for increased services and market share.

CR-180 and CR-55 Check Transport Compatibility Listings

The following companies are listed in the compatibility table. The descriptions provide additional information about their solutions and a Web address to learn more.



Advanced Financial Solutions (AFS), a Metavante company, delivers high-quality, image-based check processing solutions to the financial services industry. AFS was one of the first companies to offer image-item processing technology based on the Microsoft® Windows® .NET operating environment. AFS ImageVision supports the electronic image-capture and processing of checks and payments. www.afsimage.com



Adopting Check 21, truncation, or ARC does not require an investment in expensive transports and hardware. Take advantage of Aperta's check and remittance processing suite and Canon's CR-180 and CR-55 devices to introduce these new initiatives into your existing processing system. Reduce operational costs and improve margins by converting paper into images in the back office. Aperta's solutions integrate with your current workflow, allowing you to adopt key-from-image and electronic processing, reduce operational costs, widen processing windows, or go straight to truncation at an affordable cost. www.aperta.com



Anderson Imaging Group is a scanning software developer. AIG Scan software captures and processes check and remittance images. Featuring a modular architecture, AIG Scan is custom-configured to match job requirements. Features include computer-assisted data entry, barcode recognition, ICR, bidirectional linking to SQL/ODBC databases, and MICR code line parsing. www.andersonimaging.com



Acuracy integrates advanced imaging, recognition, and document scanning technologies to enhance customer service and deliver cost-saving results. Acuracy's range of applications includes check processing, lockbox processing, front-end payments, remote deposit capture, and donations processing. Acuracy's unique image platform suits the needs of many markets, including banks, non-profits, property management, government services, utilities, and charities. www.aquracy.com



AudioTel's success in the community bank market across the United States is attributed to great pricing, powerful software, and customer satisfaction. From microfilm replacement to full-blown POD/check imaging, AudioTel has the solutions that are affordable, time-tested, and full-featured.

Responding to the Check 21 Act's needs and migration to Web-based applications has shown AudioTel's ability to meet the wants and needs of the market. Financial strength, a full imaging product line, and a base of over 1,000 satisfied customers are sound reasons to consider AudioTel in your future imaging needs. www.audiotel.com



Automated Systems, Inc.'s Insite Banking System Check Imaging application provides the necessary design autonomy

and imaging capabilities to address customer demands and enable improved functionality with the Insite Banking System core application. The Insite Check Imaging solution is a powerful image-enabled item processing solution. It is an integrated suite of check image software modules that combines check image capture, workflow, archival, retrieval, distribution, and exception item handling technologies seamlessly into the Insite Banking System application.

www.asiweb.com



Business Imaging Systems, Inc. was founded in 1986 as a systems integrations firm supplying specialized micrographics systems. Today,

BIS provides complete document management solutions, allowing its customers to work smarter, not harder. BIS offers a variety of document capture, document management, and data distribution products and services such as check and document scanners, software development, systems integration, professional services, and data conversion services.

www.bisok.com



BankWare is a Division of Fidelity Integrated Financial Solutions. ImageCentre, the financial industry's first and only complete

browser-based check imaging, document imaging, remittance imaging, and COLD solution, has been integrated with the Canon CR-180 device for branch image capture, teller image capture, microfilm replacement, and back-office image capture and processing.

Today, hundreds of financial institutions, with asset ranges from de novo to multibillion, rely on ImageCentre for their complete payment processing, document management, and Check 21 Compliance needs. www.bankware.net



ProofPC32 item processing provides a complete Check 21 platform for capturing and sending electronic cash letters, and archiving checks for research. Branch capture and remote customer

capture allow financial institutions to create a totally electronic environment for check processing. C&A Associates, Inc. is the leading provider of Check 21 solutions in the industry today. Many institutions have replaced expensive capture devices with the CR-Series, resulting in substantial economic benefits. Combined with ImageChex32, banks and credit unions are able to create an electronic check processing system with e-mail statements, electronic return item cash letters, and electronic receipt of incoming cash letters. www.imagechex.com



Bluepoint Solutions' C21Capture™ is the only credit-union-exclusive line of Check 21 compliant item

capture products that supports all popular branch capture models: back office, back counter, and live teller capture. What's more, captured items can be integrated seamlessly into our enterprise-wide electronic document management solution for full archival capabilities.

www.bluepointsolutions.com



Captovation develops check capture software for banks and credit unions that are looking to replace

antiquated microfilm systems and become "image enabled," thus allowing them to participate in and realize the many benefits of Check 21 and electronic image exchange. Captovation® Check Capture has a direct interface to the Canon CR-180 device and includes such features as support for virtually any electronic content management system, Check 21 output standards support, auto MICR parsing, batch total balancing, and CAR/LAR recognition (optional).

www.captovation.com



Carreker addresses the challenges of Check 21 with its Source Capture suite of applications for distributed image capture. Source Capture, using image scanners like the Canon CR-180 and CR-55 devices, will allow banks to take the image capture process out to the original source of items, such as corporate/merchant locations, bank branches, bank cash vaults, at an ATM, or at a point of sale. Source Capture will consist of a base Source Capture system, plus optional components that address the individual input sources.

www.carreker.com



A pioneer and leading North American solutions provider in desktop check imaging, Contact Innovations Inc. now supports the Canon CR-180 Check Transport. Combined with the ImageArchive® line of products, the CR-180 allows financial institutions and other check handlers to quickly scan, index, store, and retrieve items within seconds and at an affordable price. With the implementation of Check 21, ImageArchive® products provide the necessary tools to participate in a check truncation environment and provide an easy-to-use, scalable imaging solution geared to fit one's budget.

www.contactinnovations.com



ChexDirect provides integrated Automated Clearing House (ACH) billing solutions to corporations seeking to remove paper from the workflow of AR/AP departments. ChexDirect employs the Canon CR-180 device to process mailed payments using MICR/OCR/ICR technology, posting payments in high speed, and processing all payments through the ACH network. Included in this application is the ability to transfer vendor and payroll payments and allow consumer payments via the client's Web site.

www.chexdirect.com



COWWW Software provides a complete information archive and delivery system for banks, credit unions, and other financial institutions. COWWW Software's archive technology is 100% browser-based and provides access to check images, statements, documents, and reports.

www.cowww.com



Community Banking Systems is an industry leader in advanced browser-based check processing, check imaging, document imaging, and report archival technologies. Community Banking Systems offers comprehensive products and services ranging from Microfilm Replacement to full Image Proof of Deposit (POD) solutions and include Branch and Merchant Capture capabilities as well as compliance with all Check 21 services offered by the Federal Reserve Bank (FRB).

www.combanksys.com



Data Financial is a banking equipment and software vendor specializing in check image processing systems. They offer Draft Conversion Plus software for automated remittance processing with ACH conversion. Additionally, they offer Draft Control Procession System software for full automated point-of-deposit systems for banking and credit union applications with one to 500 branches, including X9.37 file formats tested and ready for electronic check presentment and image exchange.

www.check21solutions.com



Datamonics Check Pro 21 provides end-users (banks, credit unions, businesses, and organizations) with a fast and powerful tool to capture check images, MICR lines, perform point-of-deposit/image quality determination, virtual-sort check images, and post data into unlimited number of databases for multi-year storage, research, and presentment (X9.37) to banks of origin directly or via the Federal Reserve, service bureaus, etc.

www.datamonics.com



With more than 5,500 installations and tens of thousands of users in over 50 countries, DocuWare's worldwide network of independent authorized reseller experts are bringing its solutions to customers around the world.

DocuWare is an Integrated Document Management software solution that can automate business processes by managing any type of document, regardless of format or source, in a central document pool—with just one search, users have access to all documents related to a business transaction. www.docuware.com



The Nautilus QuickCapture solution cost-effectively captures check images at remote or branch locations, allowing processing of checks faster and with fewer errors. QuickCapture enables all “on-us” and transit items to be efficiently processed and managed from the earliest point of presentment. This significantly enhances operational efficiency, saving expense and reducing risk. www.fiserv.com



DigiFunds is a check processing software application from EFC Systems, an experienced developer of check imaging solutions. It combines standard ACH and x9.37 Check 21 file creation in one easy-to-use application, facilitating electronic payments while simultaneously providing a robust, multiuser document storage and retrieval system. www.efcsystems.com



Archive Plus combines check imaging technology with an archive management program that scans, stores, indexes, and retrieves check information and images. With Archive Plus Connect, bring the power of collaboration, disaster recovery and Web-based storage and retrieval to the check scanning process. www.genikon.com



Financialware is an innovator in check, statement, document, report management and image exchange software for financial institutions. For over 20 years, Financialware's enterprise content management solutions have benefited financial institutions worldwide. Financialware applications are core vendor and hardware independent. Their highly scalable, secure technologies enable Internet and internal access to critical business and customer information. Financialware products lower internal costs, accelerate ROI, and personalize customer and employee access, further enriching the customer experience. www.financialware.com



inCHECK, together with the Canon CR-180 device, provide customers with just-in-time, on-site scanning of checks and deposit documents, with the images being saved electronically on the customer's server. inCHECK is equipped with Optical Character Recognition (OCR) to read the check number and MICR encoding code-enables customers to eliminate the need for additional data entry by users. Search tools allow customers to easily find checks using any of the MICR information. To ensure security of personal information, inCHECK has role-based security, limiting who has access to customer information. www.infod.com



Integrated Financial Systems' OdinCheck-21 effectively replaces check microfilming and offers Check-21-related features for remote item capture, while providing substantially robust database-driven item research capabilities. Combined with the speed, durability, and other features of the Canon CR-180 Check Scanner, OdinCheck-21 offers exceptional value and performance as a Check-21-oriented microfilm replacement solution.

www.i-f-s.com



Jara Diversified Services (JDS) offers check-processing-based solutions for Check 21 and Electronic Check Conversion (ECC). It has solutions deployed throughout the country for processing checks in corporate accounting departments, lockbox, and banking operations. Draft Conversion Plus™ does Check 21 and ECC processing for accounts receivable and retail businesses. Draft Control Processing System™ for financial institutions is scalable to full POD processing from microfilm replacement and supports both branch and remote capture. Both systems have easy-to-use tools for balancing, reporting, and auditing, are 100% compatible to capture at the CR-180 device's top speed. www.jaradiversifiedservices.com



I.S.A. software products allow integrated capture, and archival and retrieval of checks from multiple sources, including paper and microfilm. Remittance attachments may be captured on regular paper scanners while checks are captured from check, paper, and/or microfilm scanners. Archived data and images can reside on removable media, local storage, or hosted for Internet access. Data sources include the MICR line, machine and hand-printed recognition, and CAR file integration for microfilm sources. ISA's 'Index on Demand' feature allows indexing costs to be deferred until needed.

www.isausa.com



Laserfiche document management, imaging, and DoD 5015.2-certified records management solutions help 21,000 organizations, worldwide, run smarter. Laserfiche solutions streamline operations, enhance the security of business-critical information, and reduce costs associated with paper-handling, document storage, and regulatory compliance programs. Designed for rapid deployment, Laserfiche systems support standard Microsoft and Oracle database platforms and are built on a scalable, open architecture that integrates smoothly into existing IT infrastructures.

www.laserfiche.com



Jaguar Software is committed to developing and delivering check imaging and document management systems for financial institutions of all asset sizes. Its MirrorImage Check Imaging System is a sophisticated, modular, and user-friendly software suite aimed at providing solutions ranging from microfilm replacement to branch capture and complete image POD. These solutions enable customers to take full advantage of the provisions of Check 21 by allowing for the receipt and transmission of image files in several different formats and the printing of substitute checks.

www.jaguarsoftware.com



MICR Automation utilizes the Canon CR-180 as the primary entry device for MICR items. Image proofing with CAR/LAR may be performed at the branch or at a central location, and complete Check 21 image presentment and acceptance are supported. A leader in utilizing encrypted e-mail to minimize mailing, MICR Automation offers low-cost, self-hosted, secure Internet image support that reduces account support expenses while maximizing customer satisfaction. MICR Automation makes big bank technology secure, available, and affordable for the community bank, and ensures they receive complete source code.

www.micrautomation.com



National Source One offers a complete suite of host independent branch automation software through its network of regional financial systems distributors throughout the U.S. Its 13 solutions include teller automation and account origination as well as check imaging.

GoldCheck21™ is a full-featured item processing package designed to provide your bank with the power and flexibility to fulfill its proof processing requirements at an affordable price. CAR/LAR support eliminates the time-consuming encoding of documents prior to capture. Integration with your teller software allows truncation at the window.

www.nationalsourceone.com



Nw Bank Technology is a provider of check imaging solutions for banks and credit unions. NwBT's

branch capture solution using the Canon CR-180 device can perform remote capture and transmit functionality. Item capture, CAR/LAR, Visual Data Entry, reject/repair, and balancing functions are all available using the Canon DR-Scanner Series of desktop of scanners.

www.nwbt.net



Reed Data provides the finest software-based

solutions available to the industry at exceptional prices and backed by industry-acclaimed support! 2020DOC® is the industry's standard software solution for electronic document storage, imaging, archiving, and management of checks. Features include complete Check 21 image capture compliance, fully integrated archiving system, easy-to-use file cabinet structure, browser-based accessibility, multiple data search tools, security through encryption and authority level designation, user tracking security, flexible open architecture, and SQL/ODBC compliance.

www.reeddata.com



Pegasus Imaging offers powerful document imaging and forms processing technology, delivered as software development toolkits and

applications. Features include ISIS® scanning, TWAIN scanning, barcode recognition, ICR, OCR, OMR, file conversion, multipage TIFF G3/G4 and PDF, JPEG, document viewing, document clean up, image processing (including anti-alias, deskew, despeckle, binarization), annotation, redaction, printing, and more. Products are delivered as .NET controls, COM components, DLLS and applications.

www.pegasusimaging.com



ScanPoint is a leading provider of document management solutions to a variety of corporate

business sectors. Its EasyFile Check 21 product consists of a complete set of EDM functions, including capture, index, store, retrieve, and archive, and integrates seamlessly with Canon DR-Series Scanners and the CR-180 Check Transport device.

www.scanpoint-usa.com



PSI:Capture for Checks combines PSIGEN's state-of-the-art capture technology with its query and retrieval product. This gives users

more than a check scanning application—it gives a document query and retrieval system that provides a more efficient and financially feasible method for organizations to retain check images.

www.psigen.com



First Touch iCapture is a simple-to-use suite of solutions that allows

banks and their merchant or corporate clients to capture the images of deposits where they are "first touched" and send them over a secure line for immediate deposit at the bank, eliminating the physical transportation of checks.

www.softwareearnings.com



EZ-Scan™ software is the most versatile check imaging solution on the market, with support for the Canon CR-55 and CR-180 Check Transport devices. Utilizing the EZ-Scan solu-

tion, one can easily organize captured data and images to provide not just microfilm type storage, but have full searching, printing, e-mailing, reporting, and exporting capabilities of captured images and data. EZ-Scan is Check-21-compliant and easily integrates with current imaging and data systems.

www.pstinc.com



SortLogic delivers products across the check processing spectrum—from remote deposit capture and image exchange to 3890/XP emulation and in-line repair for institutions of all sizes. This provides the ability to integrate the right mix of component technology into a Check 21 enterprise for more connectivity, tighter operations, and IT integration.

www.sortlogic.com



TurboTransactions, Inc.'s primary focus is on providing small and medium-size businesses with Automated Clearing House (ACH) and Check 21 payment processing solutions. The company specializes in developing check truncation software and services, interfacing with industry specific software packages. This direct interface gives companies the ability to turn paper checks into ACH and Check 21 electronic payments, eliminating the need to make bank deposits, speeding up the accounts receivable process, and decreasing human processing errors.

www.turbotransactions.com

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TMR'S Citation solutions handle payments. Whether it's remote deposit, lockbox/remittance processing, automated representation of returned (NSF) CHECK, Web,

TEL, ARC payments, or capture on a Canon CR-180 or CR-55 device, Citation handles it. At TMR, we'll help you get a handle on your payments processing operation. Implementing a solution, marketing your services, training your staff—whatever payments processing needs you might have, TMR handles it!

www.tmr-web.com



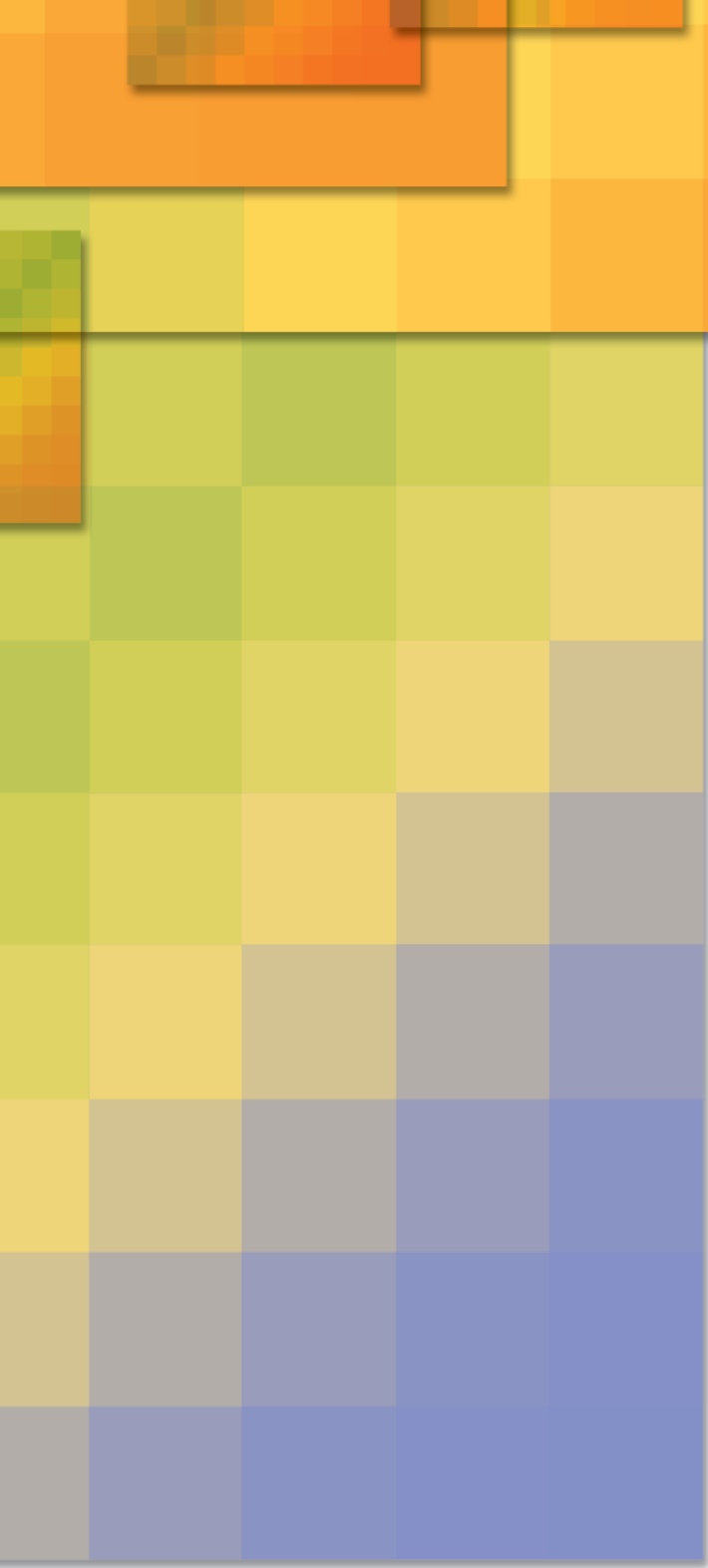
Vsoft Corporation is a global information technology and solutions provider of check imaging and data management software. Its Branch Item Capture is a branch and teller-level application that captures images and data for central processing. It enables users to capture images at branches rather than transporting them to the central operations center. Branch personnel use small capture devices to record the data and image. As items are captured at the branch throughout the day, the item image and MICR data are sent electronically to a central processing location.

www.vsoftcorp.com



Optima is a suite of products to process transactions captured and processed in remote sites or locally. A set of applications collects the data and images and performs all validation and integrity checks. Optima also performs required amount entry, repair and balancing, exception handling, and settlement.

www.wausaufs.com



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